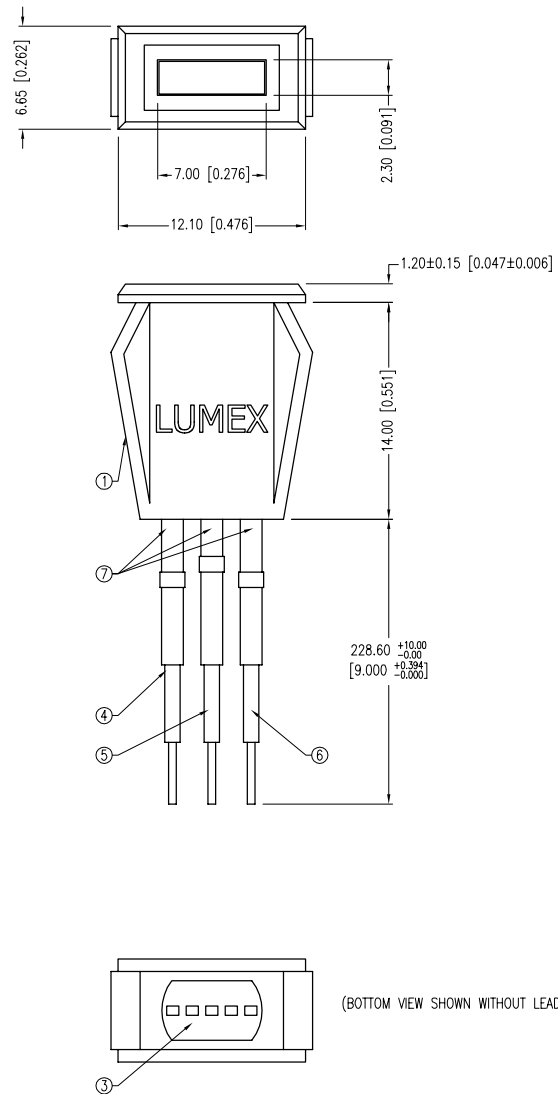


| PART NUMBER | SSI-LXH072HGW3-229                  | REV. | B    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 05.09.03    | E.C.N. #10987.                      |      | A    |
| 04.08.11    | E.C.N. #10BRDR. & REDRAWN/11686.    |      | B    |



| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$ |                      |         |         |          |                      |
|----------------------------------------------------------------------------|----------------------|---------|---------|----------|----------------------|
| PARAMETER                                                                  | MIN                  | TYP     | MAX     | UNITS    | TEST COND            |
| PEAK WAVELENGTH (R/G)                                                      |                      | 700/565 |         | nm       |                      |
| FORWARD VOLTAGE (R/G)                                                      |                      | 2.0/2.2 | 2.5/2.6 | $V_f$    |                      |
| REVERSE VOLTAGE                                                            | 5.0                  |         |         | $V_r$    | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G)                                                      |                      | 4/9     |         | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                                              |                      | 110     |         | 2x theta |                      |
| EMITTED COLOR:                                                             | RED/GREEN            |         |         |          |                      |
| EPOXY LENS FINISH:                                                         | MILKY WHITE DIFFUSED |         |         |          |                      |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER               | MAX        | UNITS      |
|-------------------------|------------|------------|
| PEAK FORWARD CURRENT*   | 150        | mA         |
| STEADY CURRENT          | 25         | mA         |
| POWER DISSIPATION (R/G) | 120/105    | mW         |
| DERATE FROM 25°C        | -1.2       | mW/°C      |
| OPERATING TEMP.         | -40 TO +85 | °C         |
| STORAGE TEMP.           | -40 TO +85 | °C         |
| SOLDERING TEMP.         | +260       | °C         |
| 2.0mm FROM BODY         |            | 3 SEC. MAX |

\*  $t < 10\mu\text{s}$

## NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX25789HGW LED, RED/GREEN BICOLOR.
- SECURE LED TO HOLDER WITH GLUE.
- RED ANODE LEAD: LXP-WST24RDT0C, TINNED OVERCOAT 24 AWG. WIRE, RED INSULATION, CUT 215mm LONG, STRIP 3mm & 9.5mm.
- COMMON CATHODE LEAD: LXP-WST24BLT0C, TINNED OVERCOAT 24 AWG. WIRE, BLACK INSULATION, CUT 215mm LONG, STRIP 3mm & 9.5mm.
- GREEN ANODE LEAD: LXP-WST24GRT0C, TINNED OVERCOAT 24 AWG. WIRE, GREEN INSULATION, CUT 215mm LONG, STRIP 3mm & 9.5mm.
- HEATSHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (3 PCS.)
- PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM

2.3x7mm RECTANGULAR PANEL INDICATOR, 700nm/565nm BICOLOR, 3 LEADED, MILKY WHITE, 9" WIRE LEADS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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|        |           |           |      |
|--------|-----------|-----------|------|
| DATE:  | 04.08.11  | DRAWN BY: | AB   |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF   |
| SCALE: | NTS       | APRVD BY: | SS   |
| UNIT:  | mm [INCH] |           | (Pb) |